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What is claimed is:

- 1. An isolated DNA construct comprising at least one mutated binding site for a Gfi-1 transcription 5 repressor, said mutated binding site comprising a mutation which hinders or prevents binding of said Gfi-1 repressor to said site.
- $\,$ 2. The DNA construct of claim 1, which is a 10 promoter.
 - 3. The DNA construct of claim 2, wherein said promoter is a mammalian cellular promoter.
- 4. The DNA construct of claim 2, wherein said promoter is a viral promoter.
 - 5. The DNA construct of claim 4, wherein said promoter is a human cytomegalovirus promoter.
 - 6. The DNA construct of claim 5, which is a cytomegalovirus MIE promoter.
- 7. The DNA construct of claim 1, wherein said
 25 Gfi-1 binding site prior to said mutation is greater than
 65% homologous with a sequence comprising TAAATCACNGCA
 (Sequence I.D. No. 2), wherein N is A or T.
- 8. The DNA construct of claim 1, wherein said
 30 Gfi-1 binding site prior to said mutation is greater than
 79% homologous with a sequence comprising TAAACACNGCA
 (Sequence I.D. No. 2), wherein N is A or T.
- 9. The DNA construct of claim 1, wherein said 35 Gfi-1 binding site prior to said mutation comprises the sequence $N_1AAATCACN_2GCA$ (Sequence I.D. No. 1), wherein N_1 and N_2 are any nucleotide, and said mutation is in a

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portion of said binding site comprising the sequence AATC.

- 10. The DNA construct of claim 1, wherein said binding site resides within an expression regulatory segment and said regulatory segment is operatively linked to a coding segment.
- 11. The DNA construct of claim 10, wherein the 10 coding segment encodes a gene product selected from the group consisting of cytokines, interleukins, interferons, growth factors and proto-oncogenes.
- 12. An expression regulatory segment comprising at least one copy of a sequence $N_1A-R-CN_2AGCA$ (Sequence I.D. No. 3), wherein N_1 and N_2 are any nucleotide, and R is a tetranucleotide selected from the group consisting of:
- N_4 is G, C or T, or is absent, or is an oligonucleotide of two or more nucleotides; N_5 is A, G or C, or is absent, or is an oligonucleotide of two or more nucleotides; and
- ${\rm N_6}$ is A, G or C, or is absent, or is an oligonucleotide of two or more nucleotides.
 - 13. The expression regulatory segment of claim 12, wherein R is selected from the group consisting of GATC, ACTC and AATA.
 - 14. The expression regulatory segment of claim 12, which is a promoter.

- 15. The expression regulatory segment of claim 14, wherein said promoter is a mammalian cellular promoter.
- 5 16. The expression regulatory segment of claim 14, wherein said promoter is a viral promoter.
- 17. The expression regulatory segment of claim 16, wherein said promoter is a human cytomegalovirus promoter.
 - 18. The expression regulatory segment of claim 17, which is a human cytomegalovirus MIE promoter.
- 19. An expression vector comprising the expression regulatory segment of claim 12 and an operatively positioned insertion site for insertion of a coding segment.
- 20. The expression vector of claim 19, in which is inserted a coding segment selected from the group consisting of cytokines, interleukins, interferons, growth factors and proto-oncogenes.
- 21. An isolated DNA molecule comprising a sequence selected from the group consisting of Sequence I.D. No. 13 and Sequence I.D. No. 14.
- 22. An expression vector comprising the DNA 30 molecule of claim 21.
 - 23. A method for improving expression of genes regulated by expression regulatory sequences which contain binding sites for a Gfi-1 transcription
- 35 repressor, which comprises altering the sequence of said binding sites so as to hinder or prevent binding of said

Gfi-1 transcription repressor to said binding sites, thereby improving said gene expression.

- 24. The method of claim 23, wherein said binding sites are altered at a tetranucleotide sequence contained therein, which is AATC.
- condition related to expression of an aberrant gene,
 which comprises administering to a patient in need of
 said treatment a pharmaceutical preparation comprising an
 expression vector that includes a non-aberrant
 counterpart of said aberrant gene and an operatively
 linked promoter comprising at least one mutated binding
 site for a Gfi-1 transcription repressor, said mutated
 binding site comprising a mutation which hinders or
 prevents binding of said Gfi-1 repressor to said site.